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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12669
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Livello bibliografico	Monografia
Nota di contenuto	Invited Paper -- On Completeness of Liveness Synthesis for Parametric Timed Automata (Extended Abstract) -- Contributed Papers -- The wheel of rational numbers as an abstract data type -- Towards General Axiomatizations for Bisimilarity and Trace Semantics -- Monographs, a Category of Graph Structures -- Parallel Coherent Graph Transformations -- K and KIV: Towards Deductive Verification for Arbitrary Programming Languages -- Institution-based Encoding and Verification of Simple UML State Machines in CASL/SPASS -- Structure-Preserving Diagram Operators.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 25th International Workshop on Algebraic Development Techniques, WADT 2020, held virtually in April 2020. The 7 revised papers presented together with an invited paper were carefully reviewed and selected from 9 submissions. The contributed

presentations covered a range of topics about the algebraic approach to system specification, which encompasses many aspects of the formal design of software systems. Originally born as formal method for reasoning about abstract data types, the algebraic approach now covers new specification frameworks and programming paradigms (such as object-oriented, aspect-oriented, agent-oriented, logic, and higher-order functional programming) as well as a wide range of application areas (including information systems, concurrent, distributed, and mobile systems).